

## Between Series Adaptor 31\_N-716-50-51/-33\_N

### Description

Adaptor jack/jack  
N-precision jack (female) / 7/16-precision jack (female)

For Test & Measurement applications  
Precision adaptor

Interface standards  
Series N-precision - IEC 60169-16\_MIL-STD-348A/402\_CECC 22210  
Series 7/16-precision - SUHNER-716



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	7.5 GHz
VSWR	DC - 7.5 GHz ≤ 1.03 + 0.004 f (GHz)

#### Mechanical Data

Number of matings	500
Weight	0.1027 kg

#### Environmental Data

Operating temperature	-55 °C to 70 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - N-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	Air Dielectric - Bead - PPH	

Interface - 7/16-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Bronze	Silver Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	Air Dielectric - Bead - PPH	

### Related Documents

Catalogue drawing	DCA-00014608
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### Ordering Information

Single package	31_N-716-50-51/-33_NE
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### Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C

# Mouser Electronics

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